



DT02 Rec'd PCT/PTO

1 2 OCT 2004

PC1
#2

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being mailed in an envelope by First Class mail to:

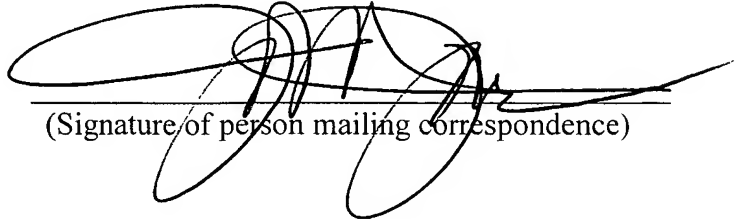
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

on OCTOBER 6, 2004

JO M. JONES
(Typed or printed name of person mailing correspondence)


(Signature of person mailing correspondence)

Application Number: 10/500,769

File Date: July 6, 2004

Title: **METHODS AND COMPOSITIONS FOR IDENTIFICATION AND THERAPEUTIC USE OF GENES INVOLVED IN VASCULAR AND PROLIFERATIVE DISEASES**

Our Reference Number: R18631 1070.2

Information Disclosure Statement

PTO/SB/08B (3 pages)

Copies of Cited References Nos. 1-32

Certificate of Mailing

Return Postcard

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	
PILLARISETTI et al.)	Examiner: Unknown
)	
Serial No: 10/500,769)	Art Unit: Unknown
)	
Filed: July 6, 2004)	Docket No.: R18631 1070.2
)	
For: Methods and Compositions for Identification and Therapeutic Use of Genes Involved in Vascular and Proliferative Diseases		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO/SB/08B, "Information Disclosure Statement By Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. §1.97(b)(3), a copy of each cited item is enclosed unless stated otherwise hereinbelow.

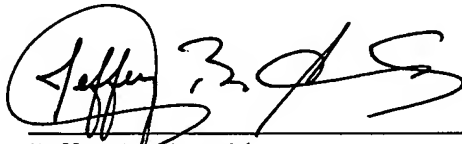
The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of the information, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return copies of the enclosed Form PTO/SB/08B and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

The citation of this information does not constitute an admission that any of the materials are available as a reference or of priority, or a waiver of any right applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Pursuant to 37 C.F.R. §1.97(b)(3), Applicants respectfully assert that no fee is due. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to deposit account no. 09-0528.

Date: October 5, 2004



Jeffery B. Arnold
Attorney for Applicant
Reg. No.: 39,540

Customer No. 26158
Womble Carlyle Sandridge & Rice, PLLC
P.O. Box 7037
Atlanta, GA 30357-0037
(404) 872-7000 (Telephone)
(404) 888-7490 (Facsimile)

Docket No.: R18631 1070.2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/500,769
		Filing Date	July 6, 2004
		First Named Inventor	Pillariseti et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 1	of 3	Attorney Docket No.	R18631 1070.2

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	XU, CANG-BAO; STAVENOW, LARS; PESSAH-RASMUSSEN, HELENE; "Interactions Between Cultured Bovine Arterial Endothelial and Smooth Muscle Cells; Further Studies on the Effects of Injury and Modification of the Consequences of Injury", Artery, 1993, 163-179, 20 (3), Department of Medicine, University of Lund, Malmö, Sweden	
	2	DE VRIESE, AN S.; VERBEUREN, TONY J.; VAN DE VOORDE, JOHAN; LAMEIRE, NROBERT H.; VANHOUTTE, PAUL M., "Endothelial Dysfunction in Diabetes", British Journal of Pharmacology, 2000, 963-974, 130, Macmillian Publishers Ltd., Basingstoke Hampshire, England	
	3	HAFFNER, M.D., STEVEN M., "Coronary Heart Disease in Patients with Diabetes", The New England Journal of Medicine, April 6, 2000, 1040-1042, 342 (14), The Massachusetts Medical Society, Boston, Massachusetts, U.S.A.	
	4	BROWNLEE, M.D., MICHAEL; CERAMI, M.D., ANTHONY; VLASSARA, M.D., HELEN, "Advanced Glycosylation End Products in Tissue and the Biochemical Basis of Diabetic Complications", The New England Journal of Medicine, May 19, 1988, 1315-1321, 318 (20), The Massachusetts Medical Society, Boston, Massachusetts, U.S.A.	
	5	BATCHELOR, WAYNE B.; ROBINSON, RANGA; STRAUSS, BRADLEY H., "The Extracellular Matrix in Balloon Arterial Injury: A Novel Target for Restenosis Prevention", Progress in Cardiovascular Diseases, 1998, 35-49, 41 (1), W.B. Saunders Company, Philadelphia, Pennsylvania, U.S.A.	
	6	DOGIC, D.; ECKES, B.; AUMAILLEY, M., "Extracellular Matrix, Integrins and Focal Adhesions", Current Topics in Pathology, 1999, 75-85, 93, Springer-Verlag, Berlin, Heidelberg, Germany	
	7	BROWNLEE, MICHAEL, "Biochemistry and Molecular Cell Biology of Diabetic Complications", Nature, December 13, 2001, 813-820, 414, Nature Publishing Group, New York, New York, U.S.A.	
	8	DAVIES, PETER F., "Biology of Disease - Vascular Cell Interactions with Special Reference to the Pathogenesis of Atherosclerosis", Laboratory Investigation, 1986, 5-24, 55 (1), The United States-Canadian Division of the International Academy of Pathology, U.S.A.	
	9	FESTA, M.D., ANDREAS, D'AGOSTINO, JR., PhD, RALPH; HOWARD, GEORGE; MYKKANEN, M.D., PhD, LEENA; TRACY, PhD, RUSSELL P.; HAFFNER, M.D., STEVEN M., "Chronic Subclinical Inflammation as Part of the Insulin Resistance Syndrome - The Insulin Resistance Atherosclerosis Study (IRAS)", Circulation, July 4, 2000, 42-47, 102 (1), American Heart Association, U.S.A.	
	10	GALLICCHIO, MARISA; ARGYRIOU, STELLA; IANCHES, GINA; FILONZI, ENRICO L.; ZOELLNER, HANS; HAMILTON, JOHN A.; MCGRATH, KATHERINE; WOJTA, JOHANN, "Stimulation of PAI-1 Expression in Endothelial Cells by Cultured Vascular Smooth Muscle Cells", Arteriosclerosis and Thrombosis, May 1994, 815-823, 14 (5), American Heart Association, U.S.A.	
	11	GEARING, ANDREW J. H.; HEMINGWAY, IAN; PIGOTT, ROD; HUGHES, JEREMY; REES, ANDREW J.; CASHMAN, STEVEN J., "Soluble Forms of Vascular Adhesion Molecules, E-Selectin, ICAM-1, and VCAM-1: Pathological Significance", Annals of the New York Academy of Sciences, 1992, 324-331, 667, The New York Academy of Sciences, New York, U.S.A.	
	12	GINSBERG, HENRY N., "Diabetic Dyslipidemia - Basic Mechanisms Underlying the Common Hypertriglyceridemia and Low HDL Cholesterol Levels", Diabetes, July 1996, S27-S30, 45 (Suppl. 3), American Diabetes Association, U.S.A.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

Substitute for Form 1449/A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/500,769
		Filing Date	July 6, 2004
		First Named Inventor	Pillarisetti et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 2	of 3	Attorney Docket No.	R18631 1070.2

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	13	GOLDSTEIN, M.D., JOSEPH L.; KITA, M.D., TORU; BROWN, M.D., MICHAEL, "Defective Lipoprotein Receptors and Atherosclerosis - Lessons from an Animal Counterpart of Familial Hypercholesterolemia", Mechanisms of Disease, August 4, 1983, 288-296, 309 (5), The New England Journal of Medicine, U.S.A.	
	14	GUERCI, B.; KEARNEY-SCHWARTZ, A.; BÖHME, P.; ZANNAD, F.; DROUIN, P., "Endothelial Dysfunction and Type 2 Diabetes", Diabetes Metab, 2001, 425-434, 27, Masson, Paris	
	15	HAY, ELIZABETH D., "Biogenesis and Organization of Extracellular Matrix", The FASEB Journal, 1999, S281-S283, 13, The Federation of American Societies of Experimental Biology, U.S.A.	
	16	KADER, KHALID N.; AKELLA, PhD, RAMA; ZIATS, PhD, NICHOLAS P.; LAKEY, LESLEY A.; HARASAKI, M.D., HIROAKI; RANIEREI, PhD, JOHN P.; BELLAMKONDA, PhD, RAVI V., "eNOS-Overexpressing Endothelial Cells Inhibit Platelet Aggregation and Smooth Muscle Cell Proliferation <i>in Vitro</i> ", Tissue Engineering, 2000, 241-251, 6 (3), Mary Ann Liebert, Inc., U.S.A.	
	17	MEAGER, A., "Cytokine Regulation of Cellular Adhesion Molecule Expression in Inflammation", Cytokine Growth Factor Reviews, 1999, 27-39, 10, Elsevier, United Kingdom	
	18	O'REILLY, MICHAEL S. et al., "Endostatin: An Endogenous Inhibitor of Angiogenesis and Tumor Growth", Cell, January 24, 1997, 277-285, 88, Cell Press, U.S.A.	
	19	PAULI, D.V.M., BENDICHT U.; KNUDSON, PhD, WARREN, "Tumor Invasion: A Consequence of Destructive and Compositional Matrix Alterations", Progress in Pathology, 1988, 628-639, W.B. Saunders Company, U.S.A.	
	20	POWELL, M.D., RICHARD J.; CRONENWETT, M.D., JACK L.; FILLINGER, M.D., MARK F.; WAGNER, ROBERT J., SAMPSON, M.D., LAWRENCE N., "Endothelial Cell Modulation of Smooth Muscle Cell Morphology and Organizational Growth Pattern", Annals of Vascular Surgery, 1996, 4-10, 10 (1), Springer-Verlag New York, LLC, U.S.A.	
	21	PUGSLEY, M.K.; TABRIZCHI, R., "The Vascular System - An Overview of Structure and Function", Journal of Pharmacological and Toxicological Methods, 2000, 333-340, 44, Elsevier Science Inc, U.S.A.	
	22	RIVARD, A.; ANDRES, V., "Vascular Smooth Muscle Cell Proliferation in the Pathogenesis of Atherosclerotic Cardiovascular Diseases", Histology and Histopathology Cellular and Molecular Biology, 2000, 557-571, 15, The University of the Basque Country, Spain	
	23	ROSS, PhD, RUSSELL, "Atherosclerosis - An Inflammatory Disease", Mechanisms of Disease, 1999, 115-126, 340 (2), Massachusetts Medical Society, U.S.A.	
	24	ROSS, RUSSELL, "The Pathogenesis of Atherosclerosis: A Perspective for the 1990s", Nature, April 29, 1993, 801-809, 362, Nature Publishing Group, New York, New York, U.S.A.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/500,769
		Filing Date	July 6, 2004
		First Named Inventor	Pillarisetti et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 3	of 3	Attorney Docket No.	R18631 1070.2

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	25	RUOSLAHTI, ERKKI; ENGVALL, EVA, "Integrins and Vascular Extracellular Matrix Assembly", Journal of Clinical Investigation, March 1997, 1149-1152, 99 (6), The American Society for Clinical Investigation, Inc., U.S.A.	
	26	SATO, YASUFUMI, "Current Understanding of the Biology of Vascular Endothelium", Cell Structure and Function, 2001, 9-10, 26, Japan Society for Cell Biology, Japan	
	27	SCHMIDT, ANN MARIE; YAN, SHI DU; WAUTIER, JEAN-LUC; STERN, DAVID, "Activation of Receptor for Advanced Glycation End Products - A Mechanism for Chronic Vascular Dysfunction in Diabetic Vasculopathy and Atherosclerosis", Circulation Research, March 19, 1999, 489-497, 84 (5), The American Heart Association, U.S.A.	
	28	STOLL, LYNN L.; SPECTOR, ARTHUR A., "Lipid Transfer Between Endothelial and Smooth Muscle Cells in Coculture", Journal of Cellular Physiology, 1987, 103-110, 133, Alan R. Liss, Inc., U.S.A.	
	29	VANE, JOHN R.; ÅNGGARD, ERIK E.; BOTTING, REGINA M., "Regulatory Functions of the Vascular Endothelium", Mechanisms of Disease, July 5, 1990, 27-36, 323 (1), The New England Journal of Medicine, U.S.A.	
	30	WIGHT, THOMAS N., "The Extracellular Matrix and Atherosclerosis", Cell Opinion in Lipidology, 1995, 326-334, 6, Rapid Science Publishers, U.S.A.	
	31	WITZTUM, JOSEPH L.; BERLINER, JUDITH A., "Oxidized Phospholipids and Isoprostanes in Atherosclerosis", Current Opinion in Lipidology, 1998, 441-448, 9, Lippincott Williams & Wilkins, U.S.A.	
	32	ZAMIR, ELI; GEIGER, BENJAMIN, "Molecular Complexity and Dynamics of Cell-Matrix Adhesions", Journal of Cell Science, 2001, 3583-3590, 114 (20), The Company of Biologists Ltd., United Kingdom	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.